

IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the present application.

1-6. (CANCELLED)

7. (CURRENTLY AMENDED) An adult golden zebrafish, suitable for ornamental use, exhibiting which exhibits red fluorescence ~~[[on]]~~ in skeletal muscle ~~according to the method of Claim 3~~ cells and produced by the method comprising:

- (a) constructing a plasmid including, in order, a first ITR, a CMV promoter, a gene encoding DsRed, an SV40 poly A, and a second ITR, wherein the first ITR is located at a 5' end of the CMV promoter, and the second ITR is located at a 3' end of the SV40 poly A;
- (b) replacing the CMV promoter with an α -actin gene promoter of golden zebrafish operably linked to the gene encoding DsRed to produce a new plasmid construct;
- (c) linearizing the new plasmid construct;
- (d) microinjecting the linearized new plasmid construct into fertilized golden zebrafish eggs to obtain microinjected eggs;
- (e) incubating the microinjected eggs for at least 24 hours to obtain embryos;
- (f) selecting an embryo exhibiting re fluorescence; and
- (g) cultivating the selected embryo to maturity.

8-13. (CANCELLED)